

ABSTRACT OF THE DISCLOSURE

A circular knitting machine, comprising a footing with a rotatable, vertical needle cylinder, axial slots on the outer lateral surface of the needle
5 cylinder, that accommodate each a needle, a sub-needle arranged below each needle in a corresponding axial slot connected bilaterally to the needle and having a radial heel, the sub-needle being oscillatable on a radial plane of the needle cylinder, sub-needle actuation cams, for producing movement of the sub-needle along the axial slot to actuate the overlying needle.